

October 31, 2015

Kevin Turner

On-Scene Coordinator

USEPA Emergency Response

8588 Rt. 148

Marion, IL 62959

RE: Monthly Progress Report No. 22 (October 2015)

Chemetco – Hartford, IL 62048

Dear Mr. Turner

This monthly progress report is submitted by Paradigm Minerals & Environmental Services to satisfy the requirements of the Consent Decree [Case 3:00-cv-00670-DRH-DGW Document 209 approved on 9/13/13](#) to provide U.S. EPA with a monthly progress report about the ongoing activities at the former Chemetco Site in Hartford, IL.

1. Actions Taken During the previous Month to Comply with Consent Decree
 - Processed and sold 6,800.37 MT of material in July to DJL Mining.
2. Summary of Data Received during the Reporting Period:
 - Storm water Outfall #5 data can be found on Illinois EPA Netdmr website.
 - Air monitoring data is available on the drop box link from Aton.
3. Work Plans and other Deliverables Submitted during the Reporting Period:
 - Air Monitoring work plan is under USEPA evaluation.
4. Activities Planned for the Next Reporting Period:
 - **Metallic Separation Plant-**
 1. The plant is in full production and running (2) 12-hour shifts. Improvements will continue to increase efficiencies and thru put on an ongoing basis.
 2. Working on a contract to sale the low grade iron fines and course material. 2 Containers of sample material were sent to potential end user for evaluation. Material is in transit for testing an evaluation.
 3. Prepping for truck traffic infrastructure and truck decontamination areas.

4. The annexation agreement has been submitted to the bankruptcy courts for approval. If approved the Village of Hartford will move forward with the annexation agreement and start the process to bring potable water to the site.
- **Zinc Bunker-**
 1. We have shipped 45,764 tons to date and will continue shipping. Based on previous estimates from the Estate and others there was 50,000 tons of material total. We estimate there is approximately 50,000 tons left to move.
- **DIS Building**
 1. Demolition of the DIS building is underway and work is being done as available time permits.
- **Fugitive Dust**
 1. **Air Monitoring System-** Continue operating with the air monitoring system in place and are posting the data on a monthly basis to the Dropbox for EPA access. We had a few exceedances in September that was resolved same day and validated the protocols with the automatic warning system.
 2. **Dust Suppression-** Water misting systems in place on the processing plant to reduce fugitive dust.
 3. **Water Spray Truck-** Daily operations include sweeping and spraying areas of operation with water to reduce fugitive dust.
- **Waste Management-** Ongoing
5. Problems Encountered, Anticipated Problems and Planned Resolutions of Past or Anticipated Problems:
 - Nothing to report at this time.
6. Modifications to Approved Work Plans or Schedules:
 - Nothing to report at this time.
7. Summary off -site Shipments-
 - 6,800.37 MT DJL Zinc Bunker Material in September.
 - 52,780 lbs of scrap steel were sent to Grossman.
 - 10,480 lbs of Hazardous Waste to Heritage (PPE- Miscellaneous Debris)
 - (16) 40 yard container of standard nonhazardous waste sent to Roxanna Landfill. (Regular Municipal Waste)
 - 3,940 lbs of nonhazardous waste sent to Midwest Landfill. (Supersacks & Polydrums)
 - As of 9/31/2015 the grand total of Slag and Zinc Bunker Material shipped to DJL Mining in 2015 is 45,764.297 metric tons

8. Health and Safety

- Continued installing guard rails around site.
- Updated fire extinguishers on site.
- Hired 6 new employees and completed initial training and orientation.
- Performed personal air tests on 6 employees.
- Cleaned up decontamination area.
- Preparing Annual Reports for IEPA.

If you have any questions regarding this progress report, please feel free to call me at (314) 409-7283

Regards,

Steve Zuber

Paradigm Minerals & Environmental Services

3754 Chemetco Lane

Hartford, IL 62048

Cell: (314) 409- 7283